

Title: Braking system with centrifugal suction in the groove of the lining

Abstract

5 The invention relates to a braking system comprising a brake pad (10), the pad comprising a backing plate (1) with a first face (13) and a second face (14), and a lining (2) made of friction material and fixed to the first face (13), the lining (2) being delimited by a friction face (26), a mounting face (20), an inner edge (23), an outer edge (24), a rear edge (21), and a front edge (22), the lining (2) being provided with
10 at least one collection groove (3) which is open to the friction face (26), which extends at its first end (31) towards said inner edge (23) and which has an opening at its second end (32) towards the outer edge (24). The braking system further comprises a collection system which comprises a collection pipe (40) through which air can flow, the air inlet orifice (41) of the collection pipe (40) being located opposite
15 the second end (32), and the collection groove (3) is open to the outer edge (24) at its second end (24).

Figure 1